

# **RBLC Process Type Codes**

## **(All Active Codes)**

**March 23, 2006**

- 10.000 FUEL COMBUSTION COBUSTIÓN DE COMBUSTIBLE
    - 11.000 Utility- and Large Industrial-Size Boilers/Furnaces (more than 250 million Btu/H)
      - 11.100 Solid Fuel & Solid Fuel Mixtures
        - 11.110 Coal (includes bituminous, subbituminous, anthracite, and lignite)
        - 11.120 Biomass (includes wood, wood waste, bagasse, and other biomass)
        - 11.190 Other Solid Fuel & Solid Fuel Mixtures
      - 11.200 Liquid Fuel & Liquid Fuel Mixtures
        - 11.210 Residual Fuel Oil (ASTM # 4,5,6)
        - 11.220 Distillate Fuel Oil (ASTM # 1,2, includes kerosene, aviation, diesel fuel)
        - 11.290 Other Liquid Fuel & Liquid Fuel Mixtures
      - 11.300 Gaseous Fuel & Gaseous Fuel Mixtures
        - 11.310 Natural Gas (includes propane and liquefied petroleum gas)
        - 11.320 Landfill/Digester/Bio-Gas
      - 11.390 Other Gaseous Fuel & Gaseous Fuel Mixtures
    - 11.900 Other Fuels and Combinations (e.g., solid/liquid, liquid/gas)
  - 12.000 Industrial-Size Boilers/Furnaces (more than 100 million Btu/H, up to/including 250 million Btu/H)
    - 12.100 Solid Fuel & Solid Fuel Mixtures
      - 12.110 Coal (includes bituminous, subbituminous, anthracite, and lignite)
      - 12.120 Biomass (includes wood, wood waste, bagasse, and other biomass)
      - 12.190 Other Solid Fuel & Solid Fuel Mixtures
    - 12.200 Liquid Fuel & Liquid Fuel Mixtures
      - 12.210 Residual Fuel Oil (ASTM # 4,5,6)
      - 12.220 Distillate Fuel Oil (ASTM # 1,2, includes kerosene, aviation, diesel fuel)
      - 12.290 Other Liquid Fuel & Liquid Fuel Mixtures
    - 12.300 Gaseous Fuel & Gaseous Fuel Mixtures
      - 12.310 Natural Gas (includes propane and liquefied petroleum gas)
      - 12.320 Landfill/Digester/Bio-Gas
    - 12.390 Other Gaseous Fuel & Gaseous Fuel Mixtures
  - 12.900 Other Fuels and Combinations (e.g., solid/liquid, liquid/gas)
- 13.000 Commercial/Institutional-Size Boilers/Furnaces (100 million Btu/H or less)
  - 13.100 Solid Fuel & Solid Fuel Mixtures
    - 13.110 Coal (includes bituminous, subbituminous, anthracite, and lignite)
    - 13.120 Biomass (includes wood, wood waste, bagasse, and other biomass)
    - 13.190 Other Solid Fuel & Solid Fuel Mixtures
  - 13.200 Liquid Fuel & Liquid Fuel Mixtures
    - 13.210 Residual Fuel Oil (ASTM # 4,5,6)
    - 13.220 Distillate Fuel Oil (ASTM # 1,2, includes kerosene, aviation, diesel fuel)
    - 13.290 Other Liquid Fuel & Liquid Fuel Mixtures
  - 13.300 Gaseous Fuel & Gaseous Fuel Mixtures
    - 13.310 Natural Gas (includes propane and liquefied petroleum gas)
    - 13.320 Landfill/Digester/Bio-Gas
  - 13.390 Other Gaseous Fuel & Gaseous Fuel Mixtures
- 13.900 Other Fuels and Combinations (e.g., solid/liquid, liquid/gas)
- 15.000 Large Combustion Turbines (> 25 MW)
  - 15.100 Simple Cycle
    - 15.110 Natural Gas
    - 15.120 Landfill/Digester/Bio-Gas
    - 15.150 Other Gaseous
    - 15.190 Liquid Fuel
  - 15.200 Combined Cycle & Cogeneration
    - 15.210 Natural Gas
    - 15.220 Landfill/Digester/Bio-Gas
    - 15.250 Other Gaseous
    - 15.290 Liquid Fuel
- 15.900 Other/Unknown Cycle and/or Fuel

- 16.000 Small Combustion Turbines (25 MW or less)
  - 16.100 Simple Cycle
    - 16.110 Natural Gas
    - 16.120 Landfill/Digester/Bio-Gas
    - 16.150 Other Gaseous
    - 16.190 Liquid Fuel
  - 16.200 Combined Cycle & Cogeneration
    - 16.210 Natural Gas
    - 16.220 Landfill/Digester/Bio-Gas
    - 16.250 Other Gaseous
    - 16.290 Liquid Fuel
  - 16.900 Other/Unknown Cycle and/or Fuel
- 17.000 Internal Combustion Engines
  - 17.100 Large Internal Combustion Engines (> 500 HP)
    - 17.110 Fuel Oil
    - 17.120 Other Liquid
    - 17.130 Natural Gas
    - 17.140 Landfill/Digester/Bio-Gas
    - 17.150 Other Gaseous
    - 17.190 Other/Unknown Fuel
  - 17.200 Small Internal Combustion Engines (500 HP or less)
    - 17.210 Fuel Oil
    - 17.220 Other Liquid
    - 17.230 Natural Gas
    - 17.240 Landfill/Digester/Bio-Gas
    - 17.250 Other Gaseous
    - 17.290 Other/Unknown Fuel
- 19.000 Miscellaneous Combustion
  - 19.100 Crematoriums
  - 19.200 Emission Control Afterburners & Incinerators
  - 19.300 Flares
    - 19.310 Chemical Plant Flares
    - 19.320 Digester and Landfill Gas Flares
    - 19.330 Refinery Flares
    - 19.390 Other Flares
  - 19.600 Misc. Boilers, Furnaces, Heaters
  - 19.700 Misc. Combustion Turbines
  - 19.800 Misc. Internal Combustion Engines
  - 19.900 Other Misc. Combustion

## 20.000 WASTE DISPOSAL

- 21.000 Waste Combustion Processes
  - 21.100 Commercial/Industrial Solid Waste Combustion
  - 21.200 Hazardous Waste Incineration
  - 21.300 Hospital/Medical/Infectious Waste Incineration
  - 21.400 Municipal Waste Combustion
  - 21.500 Wastewater Treatment Sludge Incineration
  - 21.900 Mixed/Other Waste Combustion/Incineration
- 22.000 Wastewater/Contaminated Ground Water Treatment (Excludes 21.500-WW Treat. Sludge Incin.)
  - 22.100 Contaminated Ground Water Treatment
  - 22.200 Industrial Wastewater Treatment
  - 22.300 Publicly Owned Treatment Works (POTW)
  - 22.900 Other Wastewater Treatment Processes
- 29.000 Other Waste Processing and Disposal
  - 29.100 Contaminated Soil Treatment
  - 29.200 Hazardous Waste Treatment, Storage and Disposal Facilities (TSDF)
  - 29.300 Waste Recycling Processes
  - 29.900 Other Waste Processing & Disposal Processes

## 30.000 WOOD PRODUCTS INDUSTRIES

- 30.001 Charcoal Manufacturing
- 30.200 Kraft Pulp & Paper Processes
  - 30.210 Kraft Material Recovery Processes
    - 30.211 Kraft Recovery Furnaces/ Boilers
    - 30.212 Kraft Smelt Dissolving Tanks
    - 30.219 Other Kraft Material Recovery Processes
  - 30.220 Kraft Digesting Processes
    - 30.221 Kraft Batch Digesters
    - 30.229 Other Kraft Digesting Processes
  - 30.230 Kraft Lime Kiln Processes
    - 30.231 Kraft Lime Kilns
    - 30.239 Other Kraft Lime Kiln Processes
  - 30.240 Kraft Paper Making Processes
    - 30.241 Kraft Paper Machines
    - 30.242 Kraft Bleach Processes
    - 30.249 Other Kraft Paper Making Processes
  - 30.290 Other Kraft Processes
- 30.300 Plywood Manufacturing
  - 30.311 Plywood Dryers
  - 30.321 Plywood Presses
  - 30.390 Other Plywood Manufacturing Processes
- 30.400 Non-Kraft Pulp & Paper Processes
  - 30.421 Non-Kraft Paper Machines
  - 30.490 Other Non-Kraft Operations
- 30.500 Particle & Strand Board Manufacturing
  - 30.510 Board Mfg, Material Handling. (e.g. unloading, storage & distribution)
  - 30.520 Board Presses.
  - 30.530 Board Mfg. Dryers
  - 30.540 Board Product Finishing. (e.g. sanders, saws and trimmers)
  - 30.590 Miscellaneous Particle & Strand Board Operations
- 30.006 Wood Treatment
- 30.007 Woodworking
- 30.008 Wood Lumber Kilns
- 30.999 Other Wood Products Industry Sources

## 40.000 ORGANIC EVAPORATIVE LOSSES

### 41.000 SURFACE COATING/PRINTING/GRAPHIC ARTS

- 41.001 Aerospace Surface Coating
- 41.002 Automobiles and Trucks Surface Coating (OEM)
- 41.003 Automotive Refinishing
- 41.004 Can Surface Coating
- 41.005 Fabric Coating/Printing/Dyeing (except 41.017)
- 41.006 Flatwood Paneling Surface Coating
- 41.007 Flexible Vinyl & Urethane Coating/Printing
- 41.008 Large Appliance Surface Coating
- 41.026 Leather Surface Coating
- 41.009 Magnetic Tape Surface Coating
- 41.010 Magnetic Wire Surface Coating
- 41.011 Metal Coil Surface Coating
- 41.012 Metal Furniture Surface Coating
- 41.013 Miscellaneous Metal Parts and Products Surface Coating
- 41.014 Paper, Plastic & Foil Web Surface Coating (except 41.007 & 41.018)
- 41.015 Plastic Parts for Business Machines Surface Coating
- 41.016 Plastic Parts & Products Surface Coating (except 41.015)
- 41.017 Polymeric Coating of Fabrics
- 41.018 Pressure Sensitive Tapes and Labels Coating
- 41.019 Printing - Forms
- 41.020 Printing - News Print
- 41.021 Printing - Packaging

- 41.022 Printing - Publication
- 41.023 Printing/Publication (except 41.007 & 41.019-022)
- 41.024 Ship Building & Repair Surface Coating
- 41.025 Wood Products/Furniture Surface Coating (except 41.006)
- 41.999 Other Surface Coating/Printing/Graphic Arts Sources

42.000 ORGANIC LIQUID STORAGE & MARKETING (PETROLEUM, GASOLINE, VOL)

- 42.001 Gasoline Bulk Plants
- 42.002 Gasoline Bulk Terminals
- 42.003 Gasoline Marketing (except 42.001 & 42.002)
- 42.004 Petroleum Liquid Marketing (except 42.001-003 & 42.005-006)
- 42.005 Petroleum Liquid Storage in Fixed Roof Tanks
- 42.006 Petroleum Liquid Storage in Floating Roof Tanks
- 42.009 Volatile Organic Liquid Storage
- 42.010 Volatile Organic Liquid Marketing (except 42.009)
- 42.999 Other Liquid Marketing Sources

49.000 ORGANIC EVAPORATIVE LOSSES (except 41 & 42)

- 49.001 Aerosol Can Filling
- 49.012 Architectural & Industrial Maintenance (AIM) Coatings
- 49.013 Automobile Refinish Coatings
- 49.011 Consumer Products
- 49.002 Dry Cleaning - PERC/Chlorinated Solvents
- 49.003 Dry Cleaning - Petroleum Solvents
- 49.004 Fiberglass Boat Manufacturing
- 49.005 Fiberglass/Reinforced Polymer Products Manufacturing (except 49.004)
- 49.006 Halogenated Solvent Cleaners
- 49.007 Ink Manufacturing
- 49.008 Organic Solvent Cleaning & Degreasing (except 49.006)
- 49.009 Paint/Coating/Adhesives Manufacturing
- 49.010 Paint Stripping
- 49.999 Other Organic Evaporative Loss Sources

50.000 PETROLEUM/NATURAL GAS PRODUCTION AND REFINING

- 50.002 Natural Gas/Gasoline Processing Plants
- 50.001 Oil and Gas Field Services
- 50.003 Petroleum Refining Conversion Processes (cracking, reforming, etc.)
- 50.007 Petroleum Refining Equipment Leaks/Fugitive Emissions
- 50.004 Petroleum Refining Feedstock (blending, loading and unloading)
- 50.008 Petroleum Refining Flares and Incinerators (except acid gas/SRU incinerators - 50.006)
- 50.005 Petroleum Refining Separation Processes (distillation and light ends recovery)
- 50.006 Petroleum Refining Treating Processes (hydrotreating, acid gas removal, SRU's, etc.)
- 50.009 Petroleum Refining Wastewater and Wastewater Treatment
- 50.010 Shale Processing
- 50.999 Other Petroleum/Natural Gas Production & Refining Sources (except 42 - Liquid Marketing)

60.000 CHEMICALS MANUFACTURING

61.000 AGRICULTURAL CHEMICALS MANUFACTURING

- 61.012 Fertilizer Production (except 61.009)
- 61.009 Phosphate Fertilizers Production
- 61.999 Other Agricultural Chemical Manufacturing Sources

62.000 INORGANIC CHEMICALS MANUFACTURING

- 62.003 Chlorine Production
- 62.006 Fume Silica Production
- 62.008 Hydrogen Cyanide Production
- 62.020 Inorganic Liquid/Gas Storage & Handling
- 62.014 Nitric Acid Plants
- 62.010 Phosphoric Acid Manufacturing
- 62.018 Sodium Carbonate Production

- 62.012 Sodium Cyanide Production
- 62.015 Sulfuric Acid Plants
- 62.019 Sulfur Recovery (except 50.006)
- 62.999 Other Inorganic Chemical Manufacturing Sources

63.000 POLYMER AND RESIN PRODUCTION

- 63.002 Acrylonitrile-Butadiene-Styrene Production
- 63.006 Butyl Rubber Production
- 63.012 Ethylene-propylene Rubber Production
- 63.013 Flexible Polyurethane Foam Production
- 63.015 Maleic Copolymers Production
- 63.025 Polycarbonates Production
- 63.026 Polyester Resins Production
- 63.028 Polyethylene Terephthalate Production
- 63.029 Polymerized Vinylidene Production
- 63.031 Polystyrene Production
- 63.033 Polyvinyl Acetate Emulsions Production
- 63.036 Polyvinyl Chloride and Copolymers Production
- 63.037 Reinforced Plastic Composites Production
- 63.039 Styrene Butadiene Rubber and Latex Production
- 63.999 Other Polymer and Resin Manufacturing Sources

64.000 SYNTHETIC ORGANIC CHEMICAL MANUFACTURING INDUSTRY (SOCMI)

- 64.001 Batch Reaction Vessels ( except 69.011)
- 64.002 Equipment Leaks (valves, compressors, pumps, etc.)
- 64.003 Processes Vents (emissions from air oxidation, distillation, and other reaction vessels)
- 64.004 Storage Tanks (SOCMI only - also see 42.001-42.999 and 62.020)
- 64.005 Transfer of SOCMI Chemicals (loading/unloading, filling, etc.)
- 64.006 Wastewater Collection & Treatment
- 64.999 Other SOCMI Processes

65.000 SYNTHETIC FIBERS PRODUCTION

- 65.001 Acrylic Fibers/Modacrylic Fibers Production
- 65.003 Spandex Production
- 65.999 Other Synthetic Fibers Production Sources

69.000 CHEMICAL MANUFACTURING (except 61, 62, 63, 64 & 65)

- 69.015 Carbon Black Manufacturing
- 69.008 Explosives Production
- 69.011 Pharmaceuticals Production
- 69.016 Soap & Detergent Manufacturing
- 69.999 Other Chemical Manufacturing Sources

70.000 FOOD & AGRICULTURAL PRODUCTS (also see 61-AGRICULTURAL CHEMICALS)

- 70.008 Alcoholic Beverages Production
- 70.001 Alfalfa Dehydrating
- 70.002 Baker's Yeast Manufacturing
- 70.003 Bread Bakeries
- 70.004 Cellulose Food Casing Manufacturing
- 70.005 Coffee Roasting
- 70.006 Cotton Ginning
- 70.007 Feed and Grain Handling, Storage & Processing (including Mills and Elevators)
- 70.009 Fish Processing
- 70.010 Fruit and Vegetable Processing
- 70.011 Meat Smokehouses
- 70.012 Roasting (except 70.005)
- 70.013 Starch Manufacturing
- 70.014 Sugar Cane Processing
- 70.015 Vegetable Oil Production
- 70.016 Alcohol Fuel Production
- 70.999 Other Food and Agricultural Products Sources

80.000 METALLURGICAL INDUSTRY

81.000 FERROUS METALS/ INDUSTRY

- 81.100 Coke Processes
  - 81.110 Coke Oven Batteries - non-by product
  - 81.111 Pushing
  - 81.112 Battery Stack
  - 81.113 Doors
  - 81.114 Lids
  - 81.115 Charging
  - 81.190 Other Coke Processes
- 81.200 Steel Production (excludes Steel & Iron Foundry Processes)
  - 81.210 Electric Arc Furnaces
  - 81.220 Hot Metal Transfer & Ladle Processes
  - 81.230 Casting & Pouring Processes
  - 81.290 Other Steel Manufacturing Processes
- 81.300 Steel Foundry Processes
  - 81.310 Electric Arc Furnaces
  - 81.320 Cupola Furnaces
  - 81.330 Induction Furnaces
  - 81.340 Ladle Metallurgy Processes
  - 81.350 Casting & Pouring Processes
  - 81.360 Core Making Processes
  - 81.370 Miscellaneous Melt Shop Operations
  - 81.380 Scrap Handling & Preparation Processes
  - 81.390 Other Steel Foundry Processes
- 81.400 Iron Foundry Processes
  - 81.410 Cupola Furnaces
  - 81.420 Induction Furnaces
  - 81.430 Desulfurization
  - 81.440 Sand, Core & Mold Making Processes
  - 81.450 Casting & Pouring Processes
  - 81.460 Shake Out Processes
  - 81.490 Other Iron Foundry Processes
- 81.500 Ferroalloy Production Processes (Includes Stainless & Speciality Steels)
  - 81.510 Electric Arc Furnaces
  - 81.520 Metal Oxygen Refining
  - 81.530 Fugitive Dust Sources
  - 81.590 Other Ferroalloy Production Processes
  - 81.600 Pickling Processes
  - 81.900 Other Ferrous Metal Industry Processes

82.000 NONFERROUS METALS INDUSTRY

- 82.100 Aluminum Products & Smelting
  - 82.110 Primary Aluminum
  - 82.111 Primary AL Furnaces & Pot Lines
  - 82.119 Misc. Primary AL Processes
- 82.120 Secondary Aluminum
  - 82.121 Secondary AL Furnaces
  - 82.123 Secondary AL Casting Lines
  - 82.129 Misc. Secondary AL Processes
- 82.300 Brass Production
- 82.400 Copper Products & Smelting
  - 82.410 Primary Copper Production
  - 82.420 Secondary Copper Production
- 82.500 Lead Products & Smelting
  - 82.510 Lead Acid Battery Manufacturing
  - 82.520 Secondary Lead Smelting
  - 82.590 Misc. Lead Products & Smelting
- 82.800 Zinc Smelting
- 82.999 Other Non-Ferrous Metals Industry Sources

## 90.000 MINERAL PRODUCTS

- 90.001 Alumina Processing
- 90.035 Asbestos Manufacturing
- 90.002 Asphalt/Coal Tar Application - Metal Pipes
- 90.003 Asphalt Concrete Manufacturing
- 90.004 Asphalt Processing (except 90.002, 90.003 & 90.034)
- 90.034 Asphalt Roofing Products Manufacturing
- 90.017 Calciners & Dryers and Mineral Processing Facilities
- 90.005 Calcium Carbide Manufacturing
- 90.006 Cement Manufacturing (except 90.028)
- 90.007 Chromium Refractories Production
- 90.008 Clay and Fly Ash Sintering
- 90.009 Clay Products (including Bricks & Ceramics)
- 90.010 Coal Conversion/Gasification
- 90.011 Coal Handling/Processing/Preparation/Cleaning
- 90.012 Concrete Batch Plants
- 90.013 Elemental Phosphorous Plants
- 90.014 Frit Manufacturing
- 90.015 Glass Fiber Manufacturing (except 90.033)
- 90.016 Glass Manufacturing
- 90.018 Lead Ore Crushing and Grinding
- 90.019 Lime/Limestone Handling/Kilns/Storage/Manufacturing
- 90.020 Mercury Ore Processing
- 90.021 Metallic Mineral/Ore Processing (except 90.018, 90.020 & 90.031)
- 90.022 Mineral Wool Manufacturing
- 90.023 Mining Operations (except 90.032)
- 90.024 Non-metallic Mineral Processing (except 90.011, 90.019, 90.017, 90.026)
- 90.026 Phosphate Rock Processing
- 90.027 Phosphogypsum Stacks
- 90.028 Portland Cement Manufacturing
- 90.029 Refractories
- 90.031 Taconite Iron Ore Processing
- 90.032 Underground Uranium Mines
- 90.033 Wool Fiberglass Manufacturing
- 90.999 Other Mineral Processing Sources

## 99.000 MISCELLANEOUS SOURCES

- 99.001 Abrasive Blasting
- 99.002 Chromic Acid Anodizing
- 99.003 Comfort Cooling Towers
- 99.004 Commercial Sterilization Facilities
- 99.005 Decorative Chromium Electroplating
- 99.006 Electronics Manufacturing (except 99.011)
- 99.013 Electroplating/Plating (except Chrome - 99.002, 99.005 & 99.007)
- 99.019 Geothermal Power
- 99.007 Hard Chromium Electroplating
- 99.008 Hospital Sterilization Facilities
- 99.009 Industrial Process Cooling Towers
- 99.017 Leather Tanning
- 99.014 Polystyrene Foam Products Manufacturing
- 99.016 Polyurethane Foam Products Manufacturing
- 99.020 Rocket Demilitarization
- 99.010 Rocket Engine Test Firing
- 99.015 Rubber Tire Manufacturing and Retreading
- 99.011 Semiconductor Manufacturing
- 99.018 Synthetic Fuels Production (except 70.016 & 90.010)
- 99.012 Welding & Grinding
- 99.100 Fugitive Dust Sources
  - 99.110 Agricultural Activities
  - 99.120 Ash Storage, Handling, Disposal
  - 99.130 Construction Activities
  - 99.140 Paved Roads

99.150 Unpaved Roads  
99.190 Other Fugitive Dust Sources  
99.999 Other Miscellaneous Sources